



ATTORNEY DOCKET NO: C01104/70061

RJP/JT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

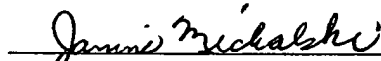
Applicant: Alfred D. Ducharme, et al.  
Serial No: 09/716,819  
Confirmation No: 9031  
Filed: November 20, 2000  
For: SYSTEMS AND METHODS FOR GENERATING AND  
MODULATING ILLUMINATION CONDITIONS

Examiner: Y. Quach Lee  
Art Unit: 2875

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on the 3rd day of October, 2002.

  
Janine Michalski

---

Commissioner for Patents  
Washington, D.C. 20231

**STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicants request consideration of this Information Disclosure Statement.

**PART I: Compliance with 37 C.F.R. §1.97**

This Information Disclosure Statement has been filed more than three months after the filing date of this application and after the mailing date of the first Office Action, but before the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in this application.

The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

PART II: Information Cited

The Applicants hereby make of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicants hereby make the following additional information of record in the above-identified application.

The Applicants would like to bring to the Examiner's attention the following co-pending applications that may contain subject matter related to this application:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Inventors</u>
10/245,788	09/17/2002	George G. Mueller, et al.

PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicants makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicants, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

*Alfred D. Ducharme, et al., Applicants*

By: 

Joseph Teja, Jr., Reg. No. 45,157  
Randy J. Pritzker, Reg No. 35,986  
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Telephone: (617) 720-3500

Docket No. C01104/70061

Date: October 3, 2002

FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 09/716,819	ATTY. DOCKET NO.: C01104/70061
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		FILING DATE: November 20, 2000	CONFIRMATION NO.: 9031
		APPLICANT: Alfred D. Ducharme, et al.	
		GROUP ART UNIT: 2875	EXAMINER: Y. Quach Lee
Sheet	DEC 22 2003		

#### U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		4,962,687		Belliveau, et al.	10/16/1990
		6,016,038		Mueller, et al.	01/18/2000
		6,150,774		Mueller, et al.	11/21/2000
		6,166,496		Lys, et al.	12/26/2000
		6,211,626	B1	Lys, et al.	04/03/2001
		6,292,901	B1	Lys, et al.	09/18/2001
		6,340,868	B1	Lys, et al.	01/22/2002
		6,459,919	B1	Lys, et al.	10/01/2002

#### FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		Co-Pending Application Serial No. 10/245,788, filed September 17, 2002, entitled "Methods and Apparatus for Generating and Modulating White Light Illumination Conditions," our File No. C01104/70109	

EXAMINER	DATE CONSIDERED
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_, filed \_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

<b>FORM PTO-1449/A and B (Modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		APPLICATION NO.: 09/716,819		ATTY. DOCKET NO.: C1104/7061	
		FILING DATE: 11/20/00		CONFIRMATION NO.: 9031	
		APPLICANT: Alfred D. Ducharme, et al.			
		GROUP ART UNIT: 2875		EXAMINER: Y My Quach Lee	
Sheet		of			

#### U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		6,369,525	B1	Chang et al.	04/09/2002
		6,636,003	B2	Rahm et al.	10/21/2003
		6,596,977	B2	Muthu et al.	07/22/2003

#### FOREIGN PATENT DOCUMENTS

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		Office/ Country	Number	Kind Code			

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

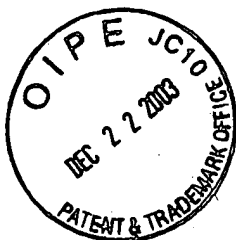
Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)

EXAMINER	DATE CONSIDERED
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Serial No. 09/710,819 File No. C110470001 By: JT  
Title: SYSTEMS AND METHODS FOR GENERATING AND MODULATING ILLUMINATION CONDITIONS  
Application of Alfred D. Ducharme, et al. Date: —

The U.S. PTO Mail Room acknowledges receipt of the following on the date stamped hereon:

<input type="checkbox"/> Mailing by Express Mail (37 CFR 1.10) Express Mail Label No. <u>                    </u>	<input type="checkbox"/> Provisional Application Cover Sheet
<input type="checkbox"/> Patent Application	<input type="checkbox"/> Multiple Dependent Claim Fee Sheet
<input type="checkbox"/> Non-provisional <input type="checkbox"/> Provisional	<input type="checkbox"/> Inf. Discl. Statement, PTO Form 1449
Incl. <u>      </u> pages, ( <u>      </u> pgs) Specification,	<input type="checkbox"/> References Cited
( <u>      </u> pgs) Abstract, ( <u>      </u> pgs) Claims ( <u>      </u> # claims)	<input type="checkbox"/> Priority Document(s) # <u>      </u>
<input type="checkbox"/> Design Patent Application	<input type="checkbox"/> Copy of Notice to File Missing Parts
<input type="checkbox"/> Declaration(s) <u>                    </u>	<input type="checkbox"/> Amendment/Response
<input type="checkbox"/> Drawings <u>      </u> Sheet(s) (FIGS. <u>      </u> )	<input type="checkbox"/> Petition for Ext. of Time (x2)
<input type="checkbox"/> <input type="checkbox"/> Formal <input type="checkbox"/> Informal	<input type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> Utility Patent Application Transmittal	<input type="checkbox"/> Letter to Official Draftsperson
<input type="checkbox"/> Fee calculation sheet (x2)	<input type="checkbox"/> Notice of Appeal
<input type="checkbox"/> CPA Transmittal	<input type="checkbox"/> Brief (x3)
<input type="checkbox"/> Verified Statement claiming small entity status	<input type="checkbox"/> Check for \$ <u>      </u> Check # <u>      </u>
<input type="checkbox"/> Assignment and Cover Sheet	<input checked="" type="checkbox"/> Transmittal Letter (x2)
	<input type="checkbox"/> Cert. of Mailing under 37 CFR 1.8(a)

☒ Other REVOCAION OF PRIOR POWERS OF ATTORNEY AND NEW POWER OF ATTORNEY

☒ CERTIFICATE UNDER 37 CFR 3.73(b)

DATE MAILED July 24, 2003

Serial No. 09/710,819 File No. C110470001 By: JT  
Title: SYSTEMS AND METHODS FOR GENERATING AND MODULATING ILLUMINATION CONDITIONS  
Application of Alfred D. Ducharme, et al. Date: —

The U.S. PTO Mail Room acknowledges receipt of the following on the date stamped hereon:

<input type="checkbox"/> Mailing by Express Mail (37 CFR 1.10) Express Mail Label No. <u>                    </u>	<input type="checkbox"/> Provisional Application Cover Sheet
<input type="checkbox"/> Patent Application	<input type="checkbox"/> Multiple Dependent Claim Fee Sheet
<input type="checkbox"/> Non-provisional <input type="checkbox"/> Provisional	<input type="checkbox"/> Inf. Discl. Statement, PTO Form 1449
Incl. <u>      </u> pages, ( <u>      </u> pgs) Specification,	<input type="checkbox"/> References Cited
( <u>      </u> pgs) Abstract, ( <u>      </u> pgs) Claims ( <u>      </u> # claims)	<input type="checkbox"/> Priority Document(s) # <u>      </u>
<input type="checkbox"/> Design Patent Application	<input type="checkbox"/> Copy of Notice to File Missing Parts
<input type="checkbox"/> Declaration(s) <u>                    </u>	<input type="checkbox"/> Amendment/Response
<input type="checkbox"/> Drawings <u>      </u> Sheet(s) (FIGS. <u>      </u> )	<input type="checkbox"/> Petition for Ext. of Time (x2)
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☒ CERTIFICATE UNDER 37 CFR 3.73(b)

DATE MAILED July 24, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alfred D. Ducharme, et al.  
Serial No.: 09/716,819  
Confirm. No.: 9031  
Filed: November 20, 2000  
For: SYSTEMS AND METHODS FOR GENERATING AND  
MODULATING ILLUMINATION CONDITIONS  
Examiner: Y. My Quach Lee  
Art Unit: 2875

---

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 20<sup>th</sup> day of November, 2003.

  
Jeanne W. Chub

---

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

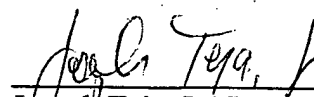
Transmitted herewith are the following documents:

- ☒ Information Disclosure Statement, Form PTO-1449 and Cited References
- ☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch are respectfully requested to contact the undersigned at (617) 395-7000, Cambridge, Massachusetts.

A check in the amount of \$180.00 is enclosed. If a fee is insufficient, the Commissioner is hereby authorized to charge the balance to Deposit Account No. 50/2762. A duplicate of this sheet is enclosed.

Respectfully submitted,  
*Alfred D. Ducharme, et al., Applicants*

  
Joseph Teja, Jr., Reg. No. 45,157  
LOWRIE, LANDO & ANASTASI, LLP  
Riverfront Office Park  
One Main Street  
Cambridge, MA 02142  
(617) 395-7000  
Attorney for Applicants

Dated: November 20, 2003

ATTORNEY DOCKET NO: C1104/7061

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alfred D. Ducharme, et al.  
Serial No: 09/716,819  
Confirmation No: 9031  
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For: SYSTEMS AND METHODS FOR GENERATING AND  
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\_\_\_\_\_  
Jeanne W. Chub

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

**PART I: Compliance with 37 C.F.R. §1.97**

This Information Disclosure Statement has been filed more than three months after the filing date of this application and after the mailing date of the first Office Action, but before the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in this application.

The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.



**PART II: Information Cited**

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

**PART III: Remarks**

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

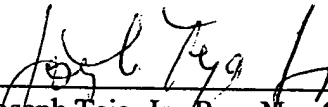
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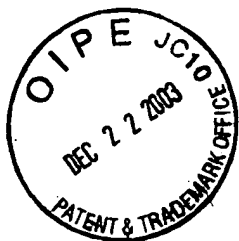
Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,  
*Alfred D. Ducharme, et al., Applicants*

By:   
\_\_\_\_\_  
Joseph Teja, Jr., Reg. No. 45,157  
LOWRIE, LANDO & ANASTASI, LLP  
Riverfront Office Park  
One Main Street  
Cambridge, Massachusetts 02142  
Tel. (617) 395-7000

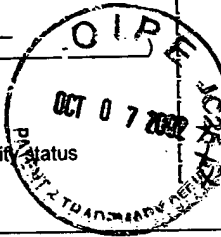
Docket No. C1104/7061  
Date: November 20, 2003  
XX



Serial No. 09/716,819 File No. C01104/70061 By: RJP1JT  
Title: SYSTEMS AND METHODS FOR GENERATING AND MODULATING ILLUMINATION CONDITIONS  
Application of ALFRED D. DUCHARME, ET AL. WGS Date: NDD

The U.S. PTO Mail Room acknowledges receipt of the following on the date stamped hereon:

<input type="checkbox"/> Mailing by Express Mail (37 CFR 1.10)	<input type="checkbox"/> Provisional Application Cover Sheet
<input type="checkbox"/> Express Mail Label No. _____	<input type="checkbox"/> Multiple Dependent Claim Fee Sheet
<input type="checkbox"/> Patent Application	<input checked="" type="checkbox"/> Inf. Discl. Statement, PTO Form 1449
<input type="checkbox"/> Non-provisional <input type="checkbox"/> Provisional	<input checked="" type="checkbox"/> References Cited
Incl. _____ pages, ( _____ pgs) Specification,	<input type="checkbox"/> Priority Document(s) # _____
( _____ pgs) Abstract, ( _____ pgs) Claims - ( _____ # claims)	<input type="checkbox"/> Copy of Notice to File Missing Parts
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<input type="checkbox"/> Declaration(s)	<input type="checkbox"/> Petition for Ext. of Time (x2)
<input type="checkbox"/> Drawings _____ Sheet(s) (FIGS. _____)	<input type="checkbox"/> Issue Fee Transmittal
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<input type="checkbox"/> Fee calculation sheet (x2)	<input type="checkbox"/> Brief (x3)
<input type="checkbox"/> CPA Transmittal	<input checked="" type="checkbox"/> Check for \$ <u>180.00</u> Check # <u>12509</u>
<input type="checkbox"/> Verified Statement claiming small entity status	<input type="checkbox"/> Transmittal Letter (x2)
<input type="checkbox"/> Assignment and Cover Sheet	<input type="checkbox"/> Cert. of Mailing under 37 CFR 1.8(a)
<input type="checkbox"/> Other _____	



DATE MAILED 10-3-2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alfred D. Ducharme, et al.  
Serial No.: 09/716,819  
Confirm. No.: 9031  
Filed: November 20, 2000  
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MODULATING ILLUMINATION CONDITIONS  
Examiner: Lee, Y. My Quach  
Art Unit: 2875

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Jeanne W. Chub

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

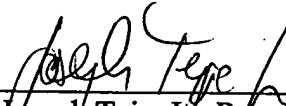
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*Alfred D. Ducharme, et al., Applicants*

  
Joseph Teja, Jr., Reg. No. 45,157  
LOWRIE, LANDO & ANASTASI, LLP  
Riverfront Office Park  
One Main Street  
Cambridge, MA 02142  
(617) 395-7000  
Attorney for Applicants

Dated: November 21, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE


Applicant: Alfred D. Ducharme, et al.  
Serial No.: 09/716,819  
Confirm. No.: 9031  
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Examiner: Y. Quach Lee  
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Jeanne W. Chub

---

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

STATEMENT FILED PURSUANT TO THE DUTY OF  
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The Applicants also wish to bring to the Examiner's attention the following information:

The seven German references listed on the attached form PTO-1449 (modified) were cited in at least one of five oppositions filed against a European counterpart to a U.S. patent currently assigned to the same assignee of the present application (i.e., Color Kinetics, Inc.). The European counterpart is EP Patent No. 1,016,062, EP Serial No. 98944539.0, corresponding to U.S. Patent No. 6,016,038 (U.S. Serial No. 08/920,146). The present application incorporates by reference U.S. Patent No. 6,016,038.

These seven German references originally were cited in an Information Disclosure Statement filed on October 27, 2003 in the present application. However, at that time, only English language translations of the Abstracts for some of these references were available. Applicants have since commissioned a full English translation for these seven references, and enclose the English translations herewith for the Examiner's consideration.

PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
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By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

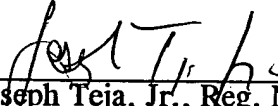
By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

*Alfred D. Ducharme, et al., Applicants*

  
\_\_\_\_\_  
Joseph Teja, Jr., Reg. No. 45,157  
LOWRIE, LANDO & ANASTASI, LLP  
Riverfront Office Park  
One Main Street  
Cambridge, MA 02142  
(617) 395-7000  
Attorney for Applicant(s)

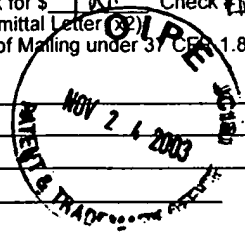
Attorney Docket No.: C1104/70061  
Dated: November 7, 2003

Serial No. 09/716,819 File Nr. 1104/7061 By: ST  
Title: Systems and Methods for Generating and Modulating...  
Application of \_\_\_\_\_ Date: \_\_\_\_\_

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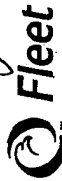
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alfred D. Ducharme, et al.  
Serial No.: 09/716,819  
Confirm. No.: 9031  
Filed: November 20, 2000  
For: SYSTEMS AND METHODS FOR GENERATING AND  
MODULATING ILLUMINATION CONDITIONS  
Examiner: Lee, Y. My Quach  
Art Unit: 2875

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 23rd day of October, 2003.

  
\_\_\_\_\_  
Jeanne W. Chub

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:


Transmitted herewith are the following documents:

- ☒ Information Disclosure Statement, Form PTO-1449 and Cited Reference
- ☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch are respectfully requested to contact the undersigned at (617) 395-7000, Cambridge, Massachusetts.

A check in the amount of \$180.00 is enclosed. If a fee is insufficient, the Commissioner is hereby authorized to charge the balance to Deposit Account No. 50/2762. A duplicate of this sheet is enclosed.

Respectfully submitted,  
*Alfred D. Ducharme, et al., Applicants*

  
\_\_\_\_\_  
Joseph Teja, Jr., Reg. No. 45,157  
LOWRIE, LANDO & ANASTASI, LLP  
Riverfront Office Park  
One Main Street  
Cambridge, MA 02142  
(617) 395-7000  
Attorney for Applicants

Dated: October 23, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alfred D. Ducharme, et al.  
Serial No.: 09/716,819  
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\_\_\_\_\_  
Jeanne W. Chub

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir/Madam:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed more than three months after the filing date of this application and after the mailing date of the first Office Action, but before the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in this application.

The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

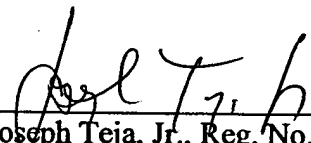
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Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

*Alfred D. Ducharme, et al., Applicants*

  
\_\_\_\_\_  
Joseph Teja, Jr., Reg. No. 45,157  
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Riverfront Office Park  
One Main Street  
Cambridge, MA 02142  
(617) 395-7000  
Attorney for Applicants

Attorney Docket No.: C1104/7061

Dated: October 23, 2003

<b>FORM PTO-1449/A and B (Modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		APPLICATION NO.: 09/716,819		ATTY. DOCKET NO.: C1104/7061	
		FILING DATE: November 20, 2000		CONFIRMATION NO.: 9031	
		APPLICANT: Alfred D. Ducharme, et al.			
		GROUP ART UNIT: 2875		EXAMINER: Lee, Y. My Quach	
Sheet	1	of	1		

#### U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		US 2003/0189412	A1	Cunningham	10/09/2003

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#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	

EXAMINER	DATE CONSIDERED
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<b>FORM PTO-1449/A and B (Modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 09/716,819		ATTY. DOCKET NO.: C1104/70061	
				FILING DATE: November 20, 2000		CONFIRMATION NO.: 9031	
				APPLICANT: Alfred D. Ducharme, et al.			
				GROUP ART UNIT: 2875		EXAMINER: Y. Quach Lee	
Sheet	1	of	1				

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		Office/ Country	Number	Kind Code			
		DE	9414689		Schlumer, Heinz-Dieter	02/02/1995	Yes
		DE	29620583	U1	Kundisch Microtech GmbH	03/27/1997	Yes
		DE	3917101		Rienecker Wolfgang Prof Dr Ing	11/29/1990	Yes
		DE	19602891	A1	Kammerer GmbH M	08/07/1997	Yes
		DE	3916875		Ullmann Ulo Werk	12/06/1990	Yes
		DE	19525897		Kostal Leopold GmbH & Co	10/02/1996	Yes
		DE	03837313		Cheng Eric	05/24/1989	Yes

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

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\*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_, filed \_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

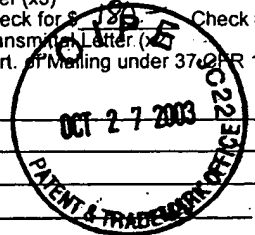
Serial No. 071-114,817 File No. CH044 1061 By: J. I.  
Title: Systems & Methods for Generating and Modulating...  
Application of Alfred D. Ducharme et al. Date: \_\_\_\_\_

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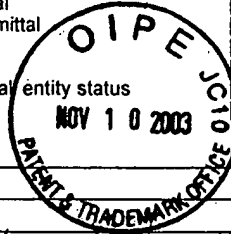
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Serial No. 011114101 File No. C110711001 By: SI  
Title: Systems and Methods for Generating and Modulating...  
Application of Alfred D Ducharme et al. Date: \_\_\_\_\_

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